

8/24/06

10/672429

RA

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	10351	nearest neighbor	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/21 12:33
S6	13740	modified base	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/21 12:33
S7	550	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/21 12:33
S8	12	S5 S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/21 18:00
S9	2317	duplex stability	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/21 12:54
S10	85	S9 S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/21 12:58
S11	40029	thermodynamic	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/21 12:59
S12	68	S10 S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/08/21 14:09
S13	21	S12 not @ay>"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/08/21 13:10
S14	2048964	modified natural	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/21 13:11
S15	18	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/21 14:06

## EAST Search History

S16	39	S10 S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/21 14:09
S17	8	S16 S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/21 14:09
S19	10362	nearest neighbor	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/22 14:02
S20	2319	duplex stability	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/08/22 14:02
S21	85	S20 S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/22 14:02
S22	40070	thermodynamic	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2006/08/22 14:02
S23	68	S21 S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/08/22 14:02
S24	3	"locked nucleic acid sugar"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:21
S25	4378577	S24 and melting temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:21
S26	2	S24 and "melting temperature"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:24
S27	3419	"capture probe"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:25

## EAST Search History

S28	829	S27 and "melting temperature"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:25
S29	62	S28 and "nearest neighbor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:26
S30	10	S29 not @ay>"2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/23 15:26

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=> index bioscience chemistry  
=> s (nearest neighbor) or (nearest neighbor)  
L1 QUE (NEAREST NEIGHBOR) OR (NEAREST NEIGHBOR)  
=> s (nearest neighbor) or (nearest-neighbor)  
L2 QUE (NEAREST NEIGHBOR) OR (NEAREST-NEIGHBOR)  
=> s (melting temperature) or (duplex stability)  
L3 QUE (MELTING TEMPERATURE) OR (DUPLEX STABILITY)  
=> s l3 and l2  
L4 QUE L3 AND L2  
=> s thermodynamic  
L5 QUE THERMODYNAMIC  
=> s l5 and l4  
L6 QUE L5 AND L4  
=> s (modifi?) or (non-natural) or (unnatural)  
L7 QUE (MODIFI?) OR (NON-NATURAL) OR (UNNATURAL)  
=> s l7 and l6  
L8 QUE L7 AND L6  
=> d rank  
=> s l8 py not>2000  
=> s l8 not py>2000  
L9 QUE L8 NOT PY>2000  
=> d rank  
=> file f6 f4 f3 f2 f8  
=> s l9  
L10 10 L9  
=> duplicate remove  
=> d scan  
=> d sam  
=> d trial  
=> index bioscience chemistry
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=> s l8 ay not>2000
=> s l8 not ay>2000
L12  QUE L8 NOT AY>2000
=> d rank
=> file uspatfull
=> s l12
=> d scan
=> s l13 and ((melting temperature/ab) or (duplex stability/ab))
L14      1 L13 AND ((MELTING TEMPERATURE/AB) OR (DUPLEX
STABILITY/AB))
=> d scan
```